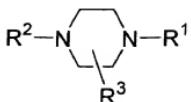


**WE CLAIM:**

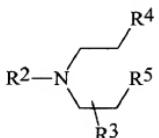
1. A method for preparing a compound of the formula



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wherein R<sup>1</sup> denotes substituted or unsubstituted alkyl, aryl, arylalkoxy, tosyl, benzoyl, formyl, acetyl or amine; R<sup>2</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy; and R<sup>3</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy,

comprising the step of reacting a compound of the formula



II

TOKYO - TOKYO

wherein R<sup>2</sup> and R<sup>3</sup> are as defined above and R<sup>4</sup> and R<sup>5</sup> are independently selected from the

15 group consisting of fluoro, chloro, bromo and iodo,

with a compound of the formula H<sub>2</sub>N-R<sup>1</sup>, wherein R<sup>1</sup> is as defined above.

20

2. The method of claim 1, wherein R<sup>1</sup> is selected from the group consisting of aryl, acetyl, formyl, benzoyl, amine and tosyl.

3. The method of claim 2, wherein R<sup>1</sup> is tosyl.

4. The method of claim 1, wherein R<sup>2</sup> is methyl.

5. The method of claim 1, wherein R<sup>3</sup> is phenyl.

6. The method of claim 1, wherein R<sup>4</sup> is chloro.

5           7. The method of claim 1, wherein R<sup>5</sup> is chloro.

8. The method of claim 1, wherein the reaction is performed in a solvent selected from the group consisting of DMF, DMAc, ethers, ethyleneglycol dimethyl ether, diethyleneglycol dimethyl ether, propyleneglycol dimethyl ether, DMSO, xylene, benzene, 10 ethylbenzene, acetonitrile and toluene.

9. The method of claim 8, wherein said solvent is DMF.

10. The method of claim 1, further comprising the step of adding a strong base.

15           11. The method of claim 10, wherein said strong base is selected from the group consisting of sodium hydroxide, sodium hydride, potassium hydroxide, potassium hydride, sodium methoxide and sodium amide.

20           12. The method of claim 11, wherein the base is sodium hydroxide.

13. The method of claim 11, wherein the base is sodium hydride.

25           14. The method of claim 1, further comprising the step of removing R<sup>1</sup> by hydrolysis.

15. The method of claim 14, wherein R<sup>1</sup> is removed by hydrolysis using a strong acid.

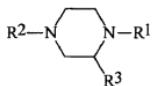
30           16. The method of claim 15, wherein the acid is selected from the group consisting

of sulfuric acid, hydrochloric acid, phosphoric acid and p-toluenesulfonic acid.

17. The method of claim 16, wherein the acid is sulfuric acid.

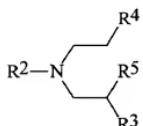
5        18. The method of claim 17 wherein the sulfuric acid has a concentration of about  
98%.

19. A method for preparing a compound of the formula:



wherein R<sup>1</sup> denotes substituted or unsubstituted alkyl, aryl, arylalkoxy, tosyl, formyl, benzoyl, acetyl or amine; R<sup>2</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy; and R<sup>3</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy,

comprising the step of reacting a compound of the formula



wherein R<sup>2</sup> and R<sup>3</sup> are as defined above and R<sup>4</sup> and R<sup>5</sup> are independently selected from the group consisting of fluoro, chloro, bromo and iodo,

20        with a compound of the formula H<sub>2</sub>N-R<sup>1</sup>, wherein R<sup>1</sup> is as defined above.

20. The method of claim 19, wherein R<sup>1</sup> is selected from the group consisting of aryl, acetyl, formyl, benzoyl, amine and tosyl.

21. The method of claim 20, wherein R<sup>1</sup> is tosyl.

22. The method of claim 19, wherein R<sup>2</sup> is methyl.

5 23. The method of claim 19, wherein R<sup>3</sup> is phenyl.

24. The method of claim 19, wherein R<sup>4</sup> is chloro.

25. The method of claim 19, wherein R<sup>5</sup> is chloro.

10 26. The method of claim 19, wherein the reaction is performed in a solvent selected from the group consisting of DMF, DMAc, ethers, ethyleneglycol dimethyl ether, diethyleneglycol dimethyl ether, propyleneglycol dimethyl ether, DMSO, xylene, benzene, ethylbenzene, acetonitrile and toluene.

15 27. The method of claim 26, wherein said solvent is DMF.

28. The method of claim 19, further comprising the step of adding a strong base.

20 29. The method of claim 28, wherein the base is selected from the group consisting of sodium hydroxide, sodium hydride, potassium hydroxide, potassium hydride, sodium methoxide and sodium amide.

30. The method of claim 29 wherein the base is sodium hydride.

25 31. The method of claim 29, wherein the strong base is sodium hydroxide.

32. The method of claim 19, further comprising the step of removing R<sup>1</sup> by hydrolysis.

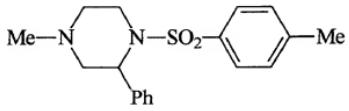
33. The method of claim 32, wherein R<sup>1</sup> is removed by hydrolysis using a strong acid.

5        34. The method of claim 33, wherein the acid is selected from the group consisting of sulfuric acid, hydrochloric acid, phosphoric acid and p-toluene sulfonic acid.

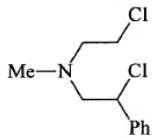
10        35. The method of claim 34, wherein the acid is sulfuric acid.

98%.        36. The method of claim 35 wherein the sulfuric acid has a concentration of about

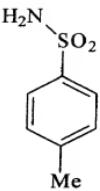
37. A method for preparing a compound of the formula:



which comprises the step of reacting a compound having the formula:



with a compound having the formula:



XIII

38. The method of claim 37, wherein the reaction is done in a solvent selected from the group consisting of DMF, DMAc, ethers, ethyleneglycol dimethyl ether, diethyleneglycol dimethyl ether, propyleneglycol dimethyl ether, DMSO, xylene, benzene, ethylbenzene, acetonitrile and toluene.

39. The method of claim 38, wherein said solvent is DMF.

40. The method of claim 37, further comprising the step of adding a strong base.

41. The method of claim 40, wherein said strong base is selected from the group consisting of sodium hydroxide, sodium hydride, potassium hydroxide, potassium hydride, sodium methoxide and sodium amide.

15

42. The method of claim 41, wherein the base is sodium hydroxide.

43. The method of claim 41, wherein the strong base is sodium hydroxide.

20

44. The method of claim 37, further comprising the step of removing the tosyl group by hydrolysis.

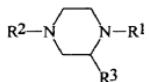
45. The method of claim 44, wherein the tosyl group is removed by hydrolysis using a strong acid.

46. The method of claim 45, wherein the acid is selected from the group consisting of sulfuric acid, hydrochloric acid, phosphoric acid and p-toluene sulfonic acid.

5        47. The method of claim 46, wherein the acid is sulfuric acid.

48. The method of claim 47 wherein the sulfuric acid has a concentration of about 98%.

10      49. A compound of the formula:



wherein R<sup>1</sup> denotes substituted or unsubstituted alkyl, aryl, arylalkoxy, tosyl, formyl, benzoyl, acetyl or amine; R<sup>2</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkoxy; and R<sup>3</sup> denotes substituted or unsubstituted alkyl, alkoxy, aryl, aryloxy or arylalkox.

50. A compound of the formula:

